Work Orde				*1082	13*							Page	1
Item ID: Revision ID: Item Name:	646.3810 Bracket		/ · · · · · · · · · · · · · · · · · · ·	Accept *	N900C)40	100)*	Setup	Start Stop	*N: *N:	S1* S2*	
Start Date: Required Date: Reference:	10/08/13 10/08/13	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*		Cust Item ID Customer:	:							
Approvals:		in: MCS		Tooling: SPC (Y/N):		e:				Start Stop	*N *N	R1* R2*	
Sequence ID/ Work Center II	0	Operation Description	<u> </u>	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	t Reje Qty		Reject Number	Insp. Stamp	
Draw Nbr	Rev N/C	ision Nbr											
646.3800 110 *1 1 0* Mill Conv Conventional Millin		HAAS CNC VERTICAL Memo 1-Machine DWG REV	per DWG	0.00 MH	B/11/	10		Ч	Ø				
		2- deburr ar	nd break all sharp edges										
*120 *120*		QC2- Inspect parts off n	nachine FAI/FAIB	0.00 MH	13/10/1	0							
QC Quality Control		Memo		0.00								-	-

DQA:	 Date:	
DQA:	 Date:	

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

iveit.	cs / 11p				Work on En North				QA Closed:	Date	e:
Work Orde	r·				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part N					Rework Scrap		Skid-tube Machining	Crosstube Small Fab	4	Water Jet d. Eng. Coor.	Engineering Quality
NCR N	o				Use-as-is Work Order Update	Ther	moforming Large Fab	Finishing Composite	Rec/Sto	re/Packaging Supplier	Other
Root				Descri	ption of work order update	Initial	Ac	tion	Sign &		
Cause	Date	Step	Qty	•	or Non-conformance	Chief Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data											
quip/Tooling											
Operator											
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Setup											
Other											
Process											
Supplier		l									
Training										1	
Jnapproved		į.					<u> </u>			1	
					F	AULT CAT	EGORY				
Landin	ng Gear			_	General				-		
	Bending			_	Bend	Grain			Ovalized	Ļ	Pressure/Forced
	Centre N	ot Conce	ntric to (o/s	BOM/Route	Hardw	are		Over/Under	tolerance	Temperature/Cure
	Cracks			L	Broken/Damaged	Inspec	tion Incomplete		Part Incorre	ct	Weld
	Crushed/	Crimped			Burrs	Instru	ctions Incomplete/	/Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs				Contamination	Maint	tenance		Part Moved		
	Heat Trea	at			Countersink	Mislat	eled		Positioned V	Wrong _	
	Inspectio	n Strip in	Tube		Cut Too Short	Misre	ad		Power Loss/	'Surge	Other
[Ripples ir	n Bend			Drill Holes	Offset					
[Torque V	Vaves in I	Extrusio	n [Drawing	Out of	Calibration				
	Turning S	Sequence			Finish	Out of	Sequence				
	Wave/Tv	vist in Tul	be		Folio	Outsic	le Dimensions				· · · · · · · · · · · · · · · · · · ·

Work Orde				*108	3213*							Page 2
Revision ID:	646.3810 Bracket	audi ordu har diteet arettire		Accept	*N9000	040	100)*	Setup Sta	_	, NS	\$1* \$2*
Start Date: Required Date: Reference:	10/08/13 10/08/13	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*		Cust Item II Customer:) :						
Approvals:		in:	Date:	Tooling: SPC (Y/N):		te:			Run Sta		'NF 'NF	२1* २2*
Sequence ID/ Work Center II 130 *130* QC Quality Control)	Operation Description QC8- Inspect parts - secon	nd check	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Qty		nber	Insp. Stamp SL 3- -
140 *140* Outsource4 Outsource process -	Anodize)	1,		•	<u>(</u> 'c	Z 1	3/1/	1/13	<u>(y)</u>

0.00

0.00

Certification of Comformity is required

Receive & Inspect for Damage & Mat'l Certs

Memo

150

150 Packaging

Packaging

[73]10/2 (4)

									DQA:	Date	
NCR: Y	es / No	1			WORK ORDER NON-C	ONFOR	MANCE / UP	DATE	QA Closed:	 Date	•
Mark Orda					DISPOSITION			AGAINST DE			•
Work Orde Part N NCR N	lo				Rework Scrap Use-as-is Work Order Update	Ther	Skid-tube Machining moforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	Initial	Ac	ction	Sign &		
Cause	Date	Step	Qty	C	or Non-conformance	Chief Eng	Desc	cription	Date	Verification	QC Inspector
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	Bendin	•		_	Bend	Grain			Ovalized		Pressure/Forced
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	Cracks			_	Broken/Damaged	—	tion Incomplete	<u></u>	Part Incorre	 	Weld
		d/Crimped			Burrs	-	tions Incomplete/	/Unclear	Part Lost/M	· <u>-</u>	Wrong Stock Pulled
	Cuffs			<u> </u>	Contamination		enance		Part Moved		
	Heat T				Countersink	Mislab			Positioned \	_	۳
		tion Strip ir	1 Tube	_	Cut Too Short	Misrea			Power Loss/	'Surge	Other
	Ripples	in Bend		I	Drill Holes	Offset					

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Ord October-08-13				*108	3213*						Page 3
Item ID: Revision ID: Item Name:	646.3810 Bracket			Accept	*N900	04 0	100)*	Setup Star Stop	1 7	S1* S2*
Start Date: Required Date Reference:	10/08/13 : 10/08/13	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*		Cust Item I Customer:	D:					
Approvals:	Process P	lan:	Date:	Tooling:	Da	ate:]	Run Star	1/1	R1*
				_ SPC (Y/N):		ate:			Stop	` *N	R2*
Sequence ID/ Work Center I 155 *155 QC Quality Control	D	Operation Description QC5- Inspect part comp	leteness to step on W/O	Set Up/ Run Hours 27 9.8 0.00 3 1 1		Tool#	Plan Code	Accept Qty	Qty	Reject Number	Insp. Stamp
1 R∩ Packaging Packaging		Memo	ock Location: \$\frac{1}{5}	0.00	# AND REV***			MX.	<u>/</u> _	_/3	- /J-3
190		QC21- Final Inspection	- Work Order Release	0.00				12	bm.	13/12/	1 <i>7</i>
QC Quality Control		Memo		0.00			(/ P) /// /	MA	· · · · · · · · · · · · · · · · · · ·

MF (2-03

												DQA:	D	ate:	
NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORN	/ANCE / UP	DATE			_		
												QA Closed:	D.	ate:	
Work Orde	er.					DISPOSITION				AGAINST D	EF	PARTMENT	/PROCESS		
i i i i i i i i i i i i i i i i i i i	-					Rework	٦		Skid-tube	Crosstube	٦		Water Je	t┌	Engineering
Part i	No.					Scrap	1		Machining	Small Fab	╡	Pro	d. Eng. Coor		Quality
	-					Use-as-is	1	ı	noforming	Finishing	┪	î	re/Packaging		Other
NCR I	No.					Work Order Update			Large Fab	Composite			Supplie		
Root			Γ		Descri	tion of work order update		Initial	Ac	tion	٦	Sign &			
Cause		Date	Step	Qty		or Non-conformance	1	nief Eng	Desc	cription		Date	Verification	on	QC Inspector
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Landi	ing G	ear				General		_				_			_
		Bending				Bend		Grain				Ovalized			Pressure/Forced
		Centre N	ot Conce	ntric to	o/s	BOM/Route		Hardwa	re			Over/Under	tolerance		Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete			Part Incorre	ct		Weld
		Crushed/	Crimped			Burrs		Instruct	ions Incomplete/	'Unclear		Part Lost/Mi	ssing		Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance			Part Moved			_
		Heat Tre	at			Countersink		Mislabe	led			Positioned V	Vrong		_
		Inspectio	n Strip in	Tube		Cut Too Short		Misread	I			Power Loss/	Surge		Other
		Ripples in	n Bend			Drill Holes		Offset		_		-			

Out of Calibration
Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

October-08-13 11:09:51 AM

Work Order ID: Parent Item:

108213

646.3810

Parent/Item Name:

Bracket

Start Date: 10/08/13

Required Date: 10/08/13

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP REV:A NEW ISSUE 12-10-22 JLM VERIFIED:DD

Gomponent Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status	-
M7075T6A1.00X0.75X0. 125X0.060		Purchased	No			110	f	103.5550	0.1375	0.55				_

7075T,6 ANGLE 1.0" X .75" X .125" X .060"W

<u>Location</u>	Loc Qty	Loc Code		
MAT036	103.555		 	~ / /
123947	103.555		\$ MH	0/11/09

											DQA:	Date	:
NCR:	/es	/ No				WORK ORDER NON-C	O	NFORM	ANCE / UP	DATE			
_										-	QA Closed:	Date	
Work Orde	ar.					DISPOSITION				AGAINST DE	PARTMENT	PROCESS	
WOIK Olde	٠٠.					Rework			Skid-tube	Crosstube		Water Jet	Engineering
Part N	No.					Scrap		i	Machining	Small Fab	Pro	d. Eng. Coor.	Quality
	•					Use-as-is			noforming	Finishing	Rec/Stor	e/Packaging	Other
NCR I	۷o.	· · · · · · · · · · · · · · · · · · ·				Work Order Update]		Large Fab	Composite		Supplier	
Root					Descri	ption of work order update	1	nitial	Act	tion	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Desci	ription	Date	Verification	QC Inspector
Doc/Data	Ш												
Equip/Tooling	Ш						1						
Operator	Ш												
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				_			AUL	T CATE	GORY				
Landi		1			_	General		1			1	r	
	<u> </u>	Bending				Bend	\vdash	Grain		_	Ovalized		Pressure/Forced
	<u> </u>	Centre N	ot Conce	ntric to	o/s	BOM/Route	\vdash	Hardwa			Over/Under		Temperature/Cure
	-	Cracks			<u> </u>	Broken/Damaged	-	4	on Incomplete		Part Incorred	}	Weld
		Crushed/	Crimped		-	Burrs	-	4	ions Incomplete/	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled
	\vdash	Cuffs	_			Contamination	-	Mainte		-	Part Moved		
	<u> </u>	Heat Trea			<u> </u>	Countersink	\vdash	Mislabe		<u> </u>	Positioned V	· · ·	٦
	<u> </u>	Inspectio		Tube	<u> </u>	Cut Too Short	\vdash	Misread	I	<u>L</u>	Power Loss/	Surge	Other
i	1	Ripples in	i Bend		1	Drill Holes	I	Offset					

Out of Calibration
Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish Folio

DART AEROSPACE LTD	Work Order: 108213
Description: Bracket	Part Number: (, 46,387)
11	1 are realised. (7 4 6700)()
Inspection Dwg/ 4/6, 3800 Rev: N/C	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.00	1.01	1-603	\checkmark		Caliper	MH-04
. 75	1.01	, 752	/		1	
. 06	10. ±	. 0615	√		l	
R.13	<u>†</u> .01	152	/		rad grase	
Ø-09	t. 005	-09	J		Caliper	MH-04
· 38	10.1	-379	J			
- 44	± -01	-44	1			
. 88	± -01	2 08 8.	¥			
<u> </u>	± - 01	3.498	J		1	
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Measured by:	MH /one	Audited by:	Preliminary Approval:	
Date:	13/10/10	Date: 3- -	Date:	·

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

A 10.04.15

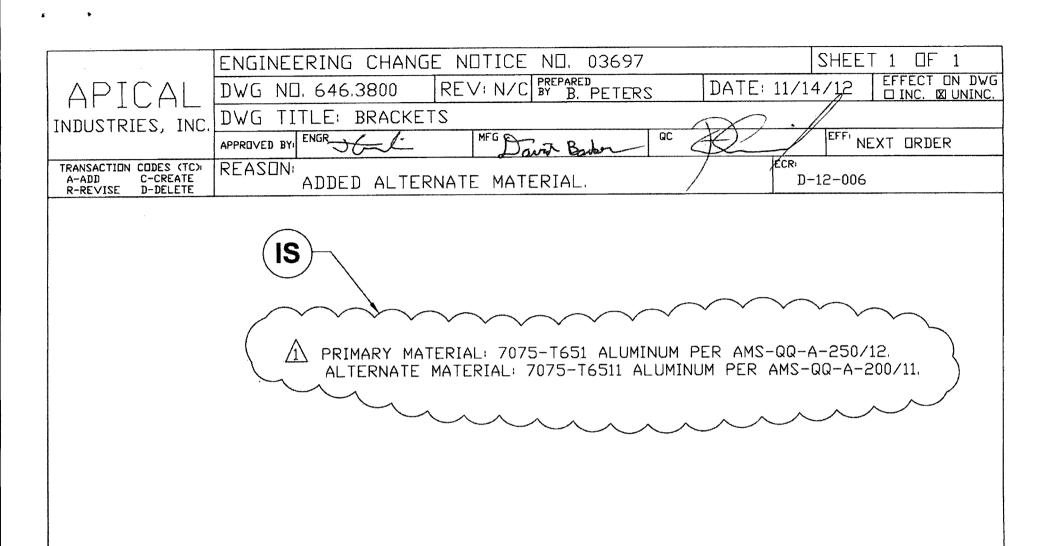
		DQA:	Date:	
NCR: Yes / No	WORK ORDER NON-CONFORMANCE / UPDATE			

									QA Closed:	Date	2:	
Work Orde	ır.				DISPOSITION AGAINST DEPARTMENT/PROCESS							
Part N							Skid-tube Machining	Crosstube Small Fab	Water Jet Prod. Eng. Coor.		Engineering Quality	
NCR N	NCR No. Use-as-is Work Order Update						Thermoforming Finishing Rec/Store/Packaging Large Fab Composite Supplier				Other	
Root		Description of work order update				Initial	А	ction	Sign &			
Cause	Date	Step	Qty		or Non-conformance	Chief Eng	Des	cription	Date	Verification	QC Inspector	
Doc/Data												
Equip/Tooling												
Operator												
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Setup		1										
Other												
Process												
Supplier												
Training												
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.,					<u> </u>	AULT CAT	GORY					
Landir	ng Gear				General				-	_	_	
	Bending				Bend	Grain			Ovalized		Pressure/Forced	
	Centre N	ot Conce	ntric to (o/s	BOM/Route	Hardw	are		Over/Under	tolerance	Temperature/Cure	
ļ	Cracks			·	Broken/Damaged	Inspec	tion Incomplete		Part Incorre	ct	Weld	
	Crushed	'Crimped		L	Burrs	Instruc	tions Incomplete	e/Unclear	Part Lost/M	issing	Wrong Stock Pulled	
	Cuffs				Contamination	Maint	enance		Part Moved			
	Heat Treat Countersink				╡	Mislat	eled		Positioned V			
	Inspection Strip in Tube Cut Too Short				Misrea	ıd		Power Loss/	/Surge	Other		
	Ripples i	n Bend		L	Drill Holes	Offset						
	Torque V	Vaves in E	xtrusio	n L	Drawing	Out of	Calibration					
	Turning :	Turning Sequence Finish					Sequence					

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Wave/Twist in Tube



SHEET 1, ZONE A2 IS:

108213 MLJ

F/N TC PART NUMBER OTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED: ORFMS	CHANGE MDL INSTALL INSTRUC ICA BOM MAJOR		VIEW REQUIRED 'ES 🛛 NO

									DUA.	Date:	
NCR: Y	es / N	0			WORK ORDER NON-C	ONF	ORN	MANCE / UPDATE	QA Closed:	Date:	
Work Orde	er:	•			DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part No					Rework Scrap Use-as-is Work Order Update	٦	N Therm	Skid-tube Crosstube Wachining Small Fab noforming Finishing Large Fab Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
									1		
Root				1	ption of work order update	Init	l l	Action	Sign &	I	
Cause	Dat	e Step	Qty		or Non-conformance	Chie	f Eng	Description	Date	Verification	QC Inspector
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Equip/Tooling	\Box										
Operator											
Material											
Setup			İ								
Other									ļ		
Process											
Supplier	Щ·			1	•						
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Unapproved			<u> </u>	<u> </u>		<u> </u>			<u> </u>	<u></u>	
						AULT	CATE	GORY			
Landi	ng Gear				General			_	٦		1
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	\vdash	Not Conce	entric to	U/S -	BOM/Route		ardwa	 	Over/Under	 	Temperature/Cure
	Crack			<u> </u>	Broken/Damaged	-	-	on Incomplete	Part Incorre	·	Weld
	—	ed/Crimped	l	<u> </u>	Burrs			ions Incomplete/Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs	_			Contamination	\vdash		nance	Part Moved		
I	l lHeati	reat			Countersink	I IM	1islahe	led i	Positioned V	Vrong	

Misread Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

B SCHOOL BEACH THE MENTER PROPERTY OF THE SOCIETY OF T MATERIAL: ALUMINUM 7075-1651 AMS-QQ-A-250/12
FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III,
CLASS 2, COLOR BLACK;
CARDINAL 4860-50 PRETREATMENT PRIMER
PRIME IAW MIL-P-23377J TYPE I CLASS N 3. DEBURR AND BREAK ALL SHARP EDGES 4. IDENTIFY IAW MPP-120 646.3810 R.06 TYP 4PL Ø.09 4PL .38 UNINCORPORATED Et a.(3) 1.00 .06 TYP 03697 ----.88 -- 88. -- 88. --.75 646.3814 WIPER BRACKET 646.3813 STRUI BRACKE 3.50 646.3812 GUSSET BRACKET 646.3811 RADRUS BLOCK 646.3910 BRACKET QTY FIND # PART # DESCRIPTION PARTS UST CONTRACT NO

CONTRACT NO

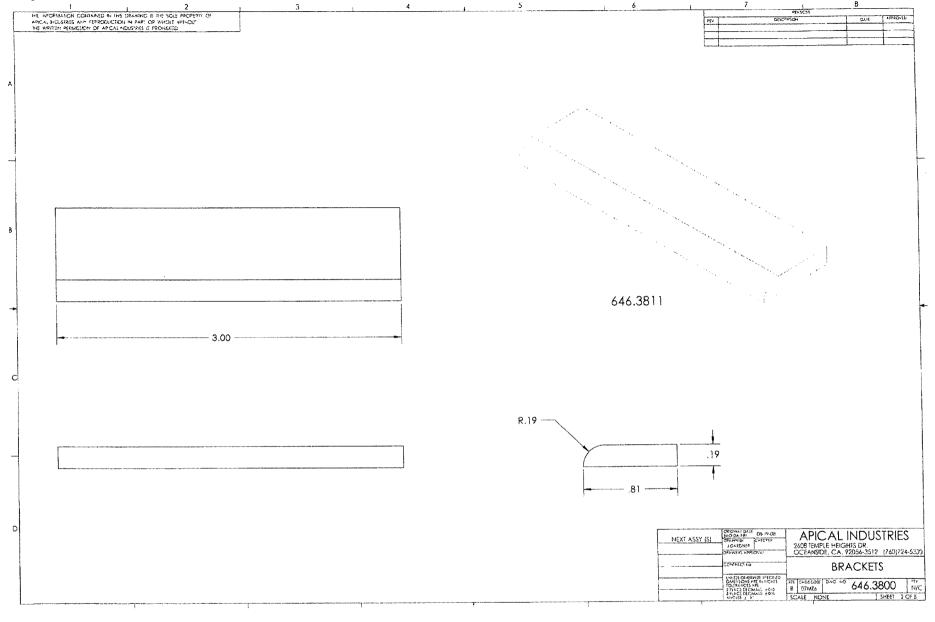
DESCRIPTION

DESCR APICAL INDUSTRIES
2608 TEMPLE HEIGHIS DR.
OCEANSIDE, CA. 92056-3512 (750)724-5300 NEXT ASSY (S) 646.4000 **BRACKETS** SET CAGECODE DIVIC INC. 646.3800

													6 3	
											DQA:	Date:		_
NCR: Y	es	/ No				WORK ORDER NON-CONFORMANCE / UPDATE						Date:		
Work Orde	·r·					DISPOSITION AGAINST D				AGAINST DE	PARTMENT	/PROCESS		
Part N	Part No					Rework Scrap Use-as-is Work Order Update		Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite				Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other	
Root					Descri	ption of work order update	ln	itial	Act	tion	Sign &			
Cause		Date	Step	Qty	•	or Non-conformance	Chie	ef Eng	Desc	ription	Date	Verification	QC Inspector	
Doc/Data						*								
Equip/Tooling														
Operator														
Material							1							
Setup														
Other														
Process														

FAULT CATEGORY Landing Gear General Bend Grain Ovalized Pressure/Forced Bending BOM/Route Over/Under tolerance Temperature/Cure Centre Not Concentric to O/S Hardware Broken/Damaged Inspection Incomplete Part Incorrect Weld Cracks Wrong Stock Pulled Crushed/Crimped Burrs Instructions Incomplete/Unclear Part Lost/Missing Cuffs Contamination Maintenance Part Moved Countersink Positioned Wrong Mislabeled Heat Treat Cut Too Short Misread Power Loss/Surge Other Inspection Strip in Tube Drill Holes Ripples in Bend Offset Torque Waves in Extrusion Drawing Out of Calibration Turning Sequence Finish Out of Sequence Outside Dimensions Wave/Twist in Tube Folio

Supplier Training Unapproved



											DQA:	Date	:	
NCR: Y	es ,	/ No				WORK ORDER NON-C	ON	FORN	ANCE / UPI	DATE				
									-		QA Closed:	Date	:	
Work Orde	·r·					DISPOSITION				AGAINST DE	DEPARTMENT/PROCESS			
Part N	_					Rework Scrap Use-as-is		Skid-tube Crosstube Machining Small Fab Thermoforming Finishing				Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other	
NCR No.						Work Order Update			Large Fab	Composite		Supplier		
Root					Descri	ption of work order update	In	itial	Act	tion	Sign &			
Cause		Date	Step	Qty	C	or Non-conformance	Chie	ef Eng	Descr	ription	Date	Verification	QC Inspector	
Doc/Data														
Equip/Tooling														
Operator														
Material														
Setup														
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Process														
Supplier														
Training														
Unapproved				ļ										
						F/	AULT	CATE	GORY					
Landir	ng G	ear				General					_			
		Bending				Bend		Grain			Ovalized		Pressure/Forced	
		Centre No	ot Concei	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure	
		Cracks Broken/Damaged						nspecti	on Incomplete		Part Incorre	ct	Weld	
		Crushed/Crimped Burrs						nstruct	ions Incomplete/l	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled	
		Cuffs				Contamination		Mainte	nance		Part Moved			
	Heat Treat Countersink						Mislabeled			Positioned V	Vrong			
	Πı	nspection	n Strip in	Tube		Cut Too Short	\square	Misread	i		Power Loss/	Surge	Other	
	П	Ripples in Bend Drill Holes					П	Offset		_	_	_		

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

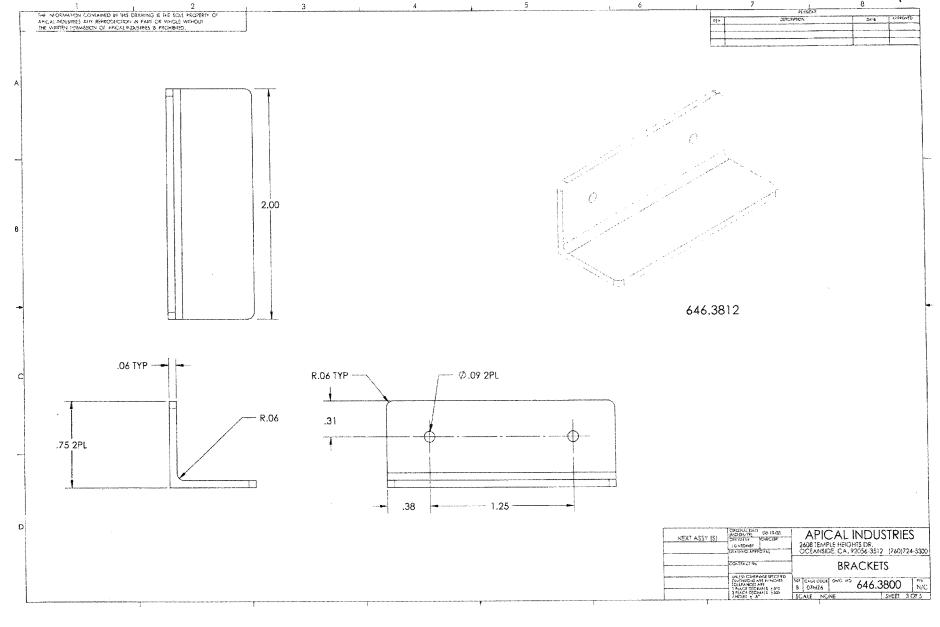
Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



										DQA:	Date	•
NCR: Y	es / No				WORK ORDER NON-C	CONF	ORN	IANCE / UPDA		QA Closed:	 Date	:
Work Orde	ır.				DISPOSITION				AGAINST DEI			
	lo				Rework Scrap Use-as-is Work Order Update	, ,			Small Fab Finishing	Pro Rec/Stor	Engineering Quality Other	
Root				Descri	ption of work order update	Init	tial	Action		Sign &		
Cause	Date	Step	Qty	C	or Non-conformance	Chief	f Eng	Descripti	ion	Date	Verification	QC Inspector
Doc/Data						1						
Equip/Tooling							i					
Operator		ļ							•			
Material												
Setup]					1					
Other												
Process		İ										
Supplier												
Training											1	
Unapproved												
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Landi	ng Gear				General	_					_	 1
	Bending				Bend	∐G _i	rain			Ovalized		Pressure/Forced
	Centre Not Concentric to O/S BOM/Route						ardwai	re		Over/Under	tolerance	Temperature/Cure
	Cracks			Broken/Damaged	In	spection	on Incomplete		Part Incorre	ct _	Weld	
	Crushed/	'Crimped			Burrs	∐ln	structi	ons Incomplete/Uncl	lear	Part Lost/Mi	issing	Wrong Stock Pulled
,	Cuffs				Contamination	\square	1ainte	nance		Part Moved		
	Heat Tre	at			Countersink	Шм	lislabe	led		Positioned V	Vrong	_
	Inspection	n Strip in	Tube		Cut Too Short	M	isread			Power Loss/	Surge	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

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Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

DQA: ____ Date: ____

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

IVCR.	es / NO				WORK ORDER NON-	COMON	IVIAIVEL / OF	DAIL	QA Closed:	Date	e:		
Work Orde	r·				DISPOSITION		AGAINST DEPARTMENT/PROCESS						
Part N					Rework Scrap Use-as-is	Thor	Skid-tube Machining moforming	Crosstube Small Fab Finishing		Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other		
NCR N	lo		·		Work Order Update		Large Fab	Composite	Rec/3to	Supplier			
Root	Description of v				ption of work order update	Initial	Ac	tion	Sign &				
Cause	Date	Step	Qty	(or Non-conformance	Chief Eng	Desc.	ription	Date	Verification	QC Inspector		
Doc/Data													
quip/Tooling		-					1						
Operator													
Material													
Setup		ļ											
Other													
Process		1											
Supplier]				
Fraining		1											
Jnapproved													
						FAULT CAT	EGORY						
Landir	ng Gear				General	_			_	_	_		
	Bending				Bend	Grain			Ovalized		Pressure/Forced		
	Centre N	ot Conce	ntric to (o/s	BOM/Route	Hardw	are		Over/Under	tolerance	Temperature/Cure		
	Cracks				Broken/Damaged	Inspec	tion Incomplete		Part Incorre	ct [Weld		
[Crushed/	'Crimped			Burrs	Instruc	ctions Incomplete/	'Unclear	Part Lost/M	issing [Wrong Stock Pulled		
	Cuffs				Contamination	Maint	enance		Part Moved				
	Heat Trea	at			Countersink	Mislab	eled		Positioned \	V rong			
	Inspectio	n Strip in	Tube		Cut Too Short	Misrea	ad		Power Loss/	'Surge	Other		
	Ripples in	n Bend			Drill Holes	Offset			-	_			
	Torque V	Vaves in I	Extrusio	n [Drawing	Out of	Calibration						
	Turning S	Sequence	!		Finish	Out of	Sequence						
	Wave/Tv	vist in Tu	be		Folio	Outsid	Outside Dimensions						

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DQA: Date: **WORK ORDER NON-CONFORMANCE / UPDATE** NCR: Yes / No QA Closed: Date: **AGAINST DEPARTMENT/PROCESS** DISPOSITION Work Order: Skid-tube Crosstube Engineering Water Jet Rework Machining Small Fab Prod. Eng. Coor. Quality Part No. Scrap Rec/Store/Packaging Other Use-as-is Thermoforming Finishing NCR No. Work Order Update Large Fab Composite Supplier Description of work order update Initial Action Sign & Root Date Step Qty or Non-conformance Chief Eng Description Date Verification QC Inspector Cause Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved **FAULT CATEGORY Landing Gear** General Bend Grain Ovalized Pressure/Forced Bending BOM/Route Centre Not Concentric to O/S Hardware Over/Under tolerance Temperature/Cure

Inspection Incomplete

Maintenance

Out of Calibration

Out of Sequence

Outside Dimensions

Mislabeled

Misread

Offset

Instructions Incomplete/Unclear

Part Incorrect

Part Moved

Part Lost/Missing

Positioned Wrong

Power Loss/Surge

Weld

Other

Wrong Stock Pulled

Broken/Damaged

Contamination

Countersink

Cut Too Short

Drill Holes

Drawing

Finish

Folio

Burrs

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Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Cracks

Cuffs

Heat Treat

Crushed/Crimped

Inspection Strip in Tube

Torque Waves in Extrusion